

FIG. 1

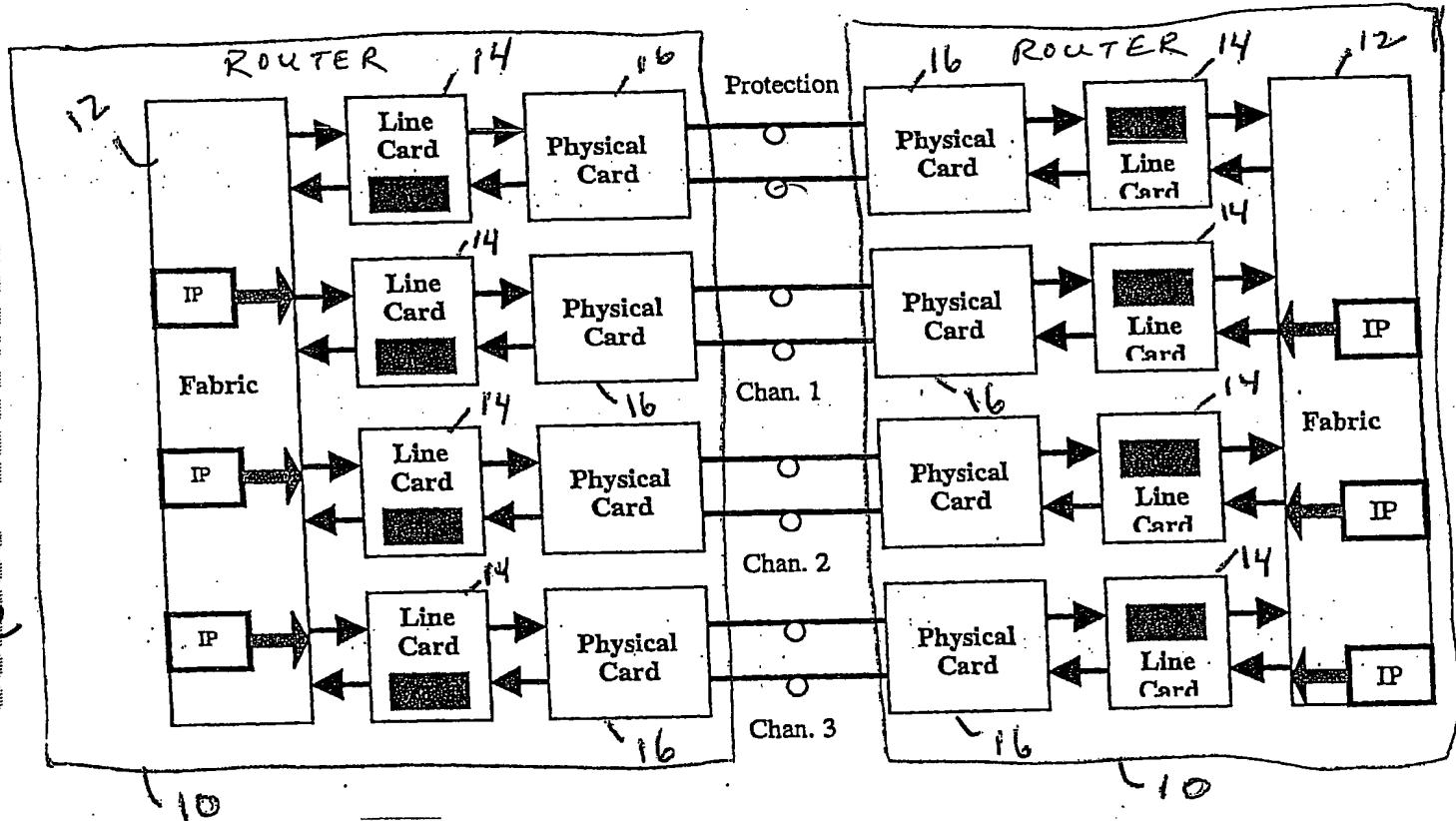


FIG. 2

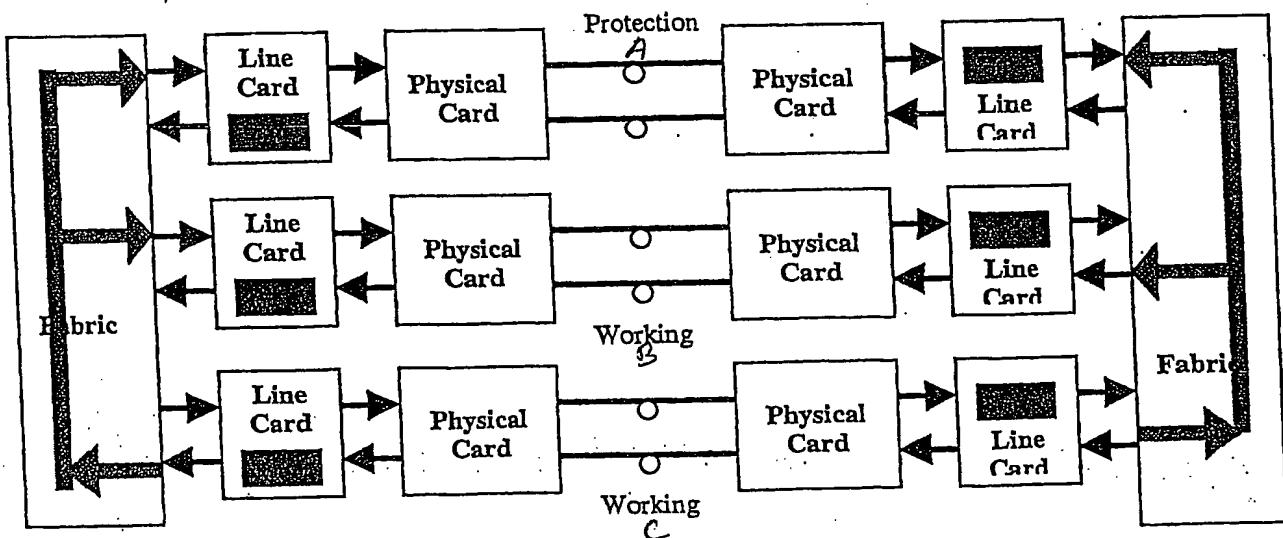


FIG. 3

Configure line cards

(Protection line card configured same as working line card)

↓
Enable multicast and unicast bridge

↓
Detect working line card failure

106 — Disable working card's physical card interface

↓
108 — Enable protection card's physical card interface

FIG. 4

Configure line cards

(Protection line card configured same as working line card)

↓
Receive notice of line failure

↓
Enable multicast and unicast bridge

↓
116 - [Disable working card's physical card interface]

↓
118 - [Enable protection card's physical card interface]

FIG. 5

Configure line cards

(Protection line card configured same as
primary working line card)

120

Detect primary working line card failure

122

Detect non-primary working line card failure

130

Enable multicast and unicast bridge

124

Clone inbound and outbound paths of failed card onto protection line card

132

Disable working card's physical card interface

126

Enable multicast + unicast bridge

134

Enable protection card's physical card interface

128

Disable working card's physical card interface

136

138

Enable protection card's physical card interface

FIG. 6

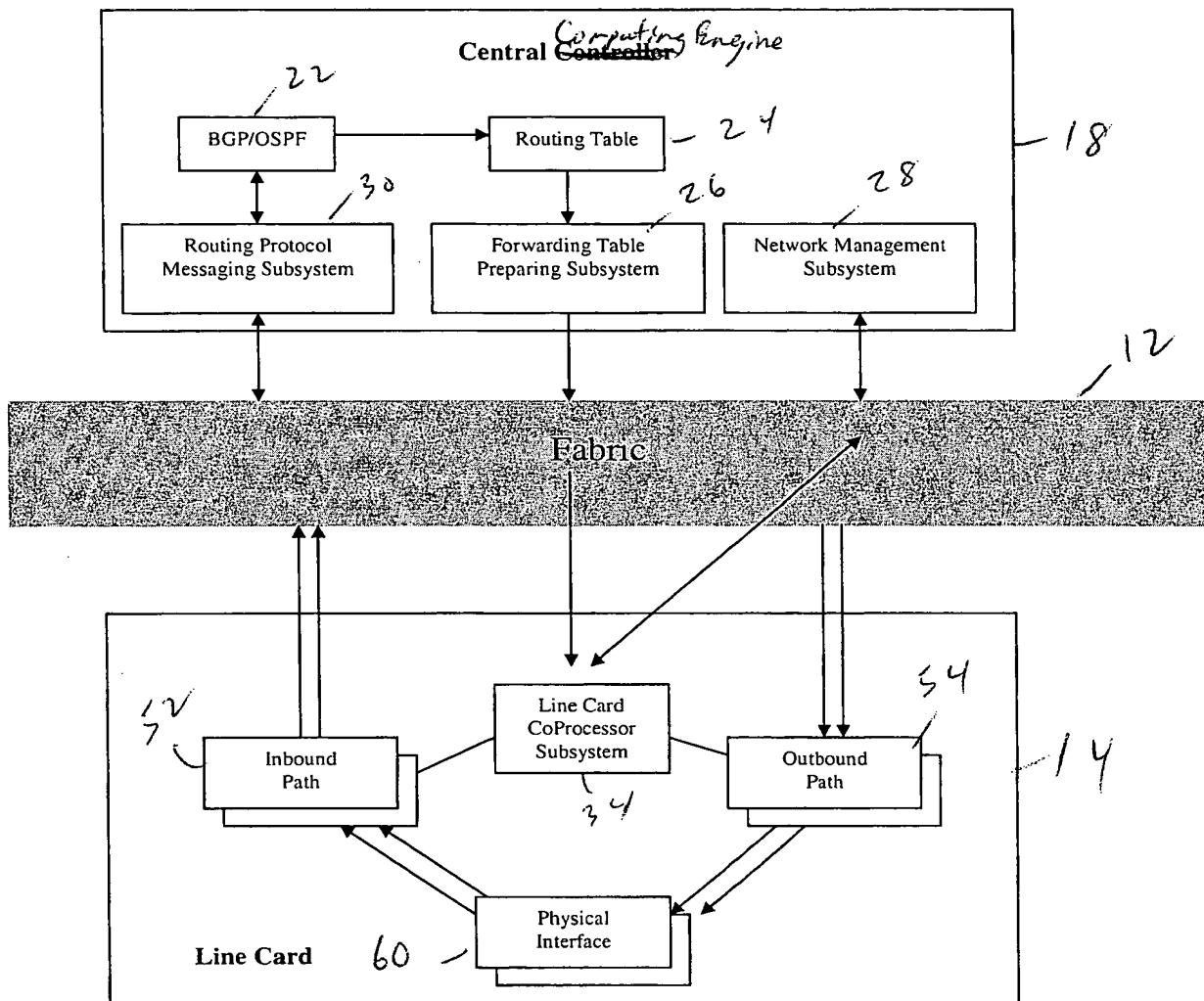


Figure 7

00001000000000000000000000000000

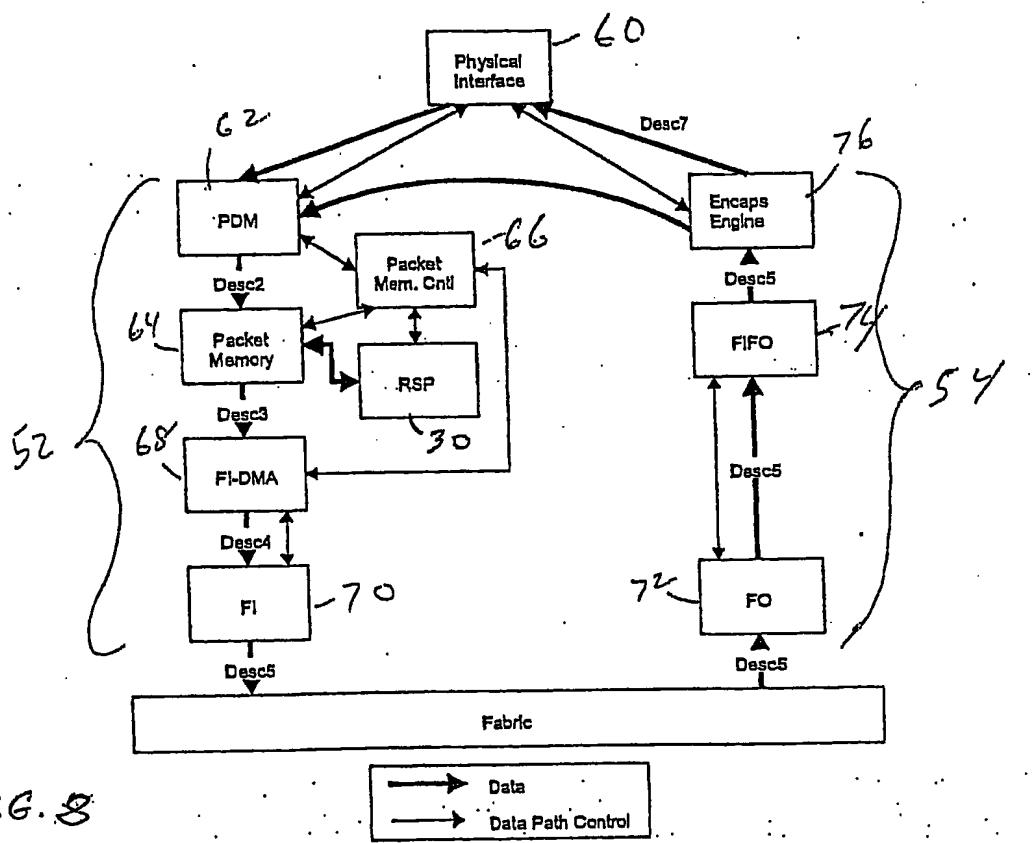


FIG. 8